ABSTRACT

The probes of an information recording / reading head (110) are arranged such that if the positions of their tip portions are A, B, C, and D, a parallelogram is formed in which a line segment AB is parallel to a line segment CD, and a line segment AC is parallel to a line segment BD, and that if a ratio of the length of the line segment AB to the length of the line segment AC is η and the height of the parallelogram is H when the line segment AC is regarded as a base, the following relationship is satisfied:

$$H = \eta \cdot P.$$